

## **Center for Bottomland Hardwoods Research Publications List for 2004 Research Attainment Report**

- Alexander, G.E., Jr.; Hamel, P.B. 2004. Washington county (south) [MSWC], Mississippi, 33°11'N x 90°98'W, Christmas bird count, count year: 104.  
[http://owl.audubon.org:90/cbccurrent/current\\_table.html](http://owl.audubon.org:90/cbccurrent/current_table.html).
- Colorado, G.J.; Cuadros, T. 2004. Reinita Cerúlea ( *Dendroica cerlea* ).  
[http://www.sao.org.co/aprenda\\_mas/aprenda\\_avedelmes.htm](http://www.sao.org.co/aprenda_mas/aprenda_avedelmes.htm). Jun 2, 2004.
- Connor, K.F. ed. 2004. Proceedings of the 12<sup>th</sup> biennial southern silvicultural research conference. SRS-71. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 594 p.
- Connor, K.F. 2004. Update on oak seed quality research: hardwood recalcitrant seeds. Riley, L.E.; Dumroese, R.K.; Landis, T.D. RMRS-P-33. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station: 111-116.
- Connor, K.F.; Sowa, S. 2003. Effects of desiccation on the physiology and biochemistry of *Quercus alba* acorns. *Tree Physiology*. 23(16): 1147-1152.
- Connor, K.F.; Sowa, S. 2004. The physiology and biochemistry of desiccating white oak and cherrybark oak acorns.
- Connor, K.F. ed. SRS-71. Asheville, NC: United States Department of Agriculture, Forest Service: 473-477.
- Devall, M.; Schiff, N.; Hawkins, T.; [and others] 2004. Studies on the endangered pondberry (*Lindera melissifolia* [Walt.] Blume) [Abstract]. In: Parrotta, J.; Maitre, H.-F.; Auclair, D.; Lafond, M.-H. eds. Meeting the challenge: silvicultural research in a changing world, IUFRO Division 1 conference. Montpellier, France: CIRAD, UMR AMAP: 25-26
- Devall, M.S. 2003. Useful tree species for urban areas of the tropical region of North America. Beaulieu, J. ed. LAU-X-128. Quebec City, Canada: Natural Resources Canada, Canadian Forest Service, Laurentian Forestry Centre: 97-102.
- Devall, M.S.; Parresol, B.R. 2003. A dendrochronological study of teak (*Tectona grandis* L.f., Verbenaceae) in Puerto Rico. Peechi, India: Kerala Forest Research Institute: 424-433.
- Devall, M.S.; Schiff, N.M.; Hawkins, T.; [and others] 2004. An ecological study of the endangered pondberry (*Lindera melissifolia* [Walt.] Blume) [Abstract]. In: Botany 2004, alpine diversity: adapted to the peaks. St. Louis, MO: Botanical Society of America: 66
- Devall, M.S.; Schiff, N.M.; Hawkins, T.S.; [and others] 2004. Research on the endangered pondberry (*Lindera melissifolia* [Walt.] Blume) [Abstract]. In: Society of Wetland Scientists, charting the future: a quarter century of lessons learned, 25th anniversary meeting. Seattle, WA: Society of Wetland Scientists: 189
- Devall, M.S.; Schiff, N.M.; Skojac, S.A. 2004. Outplanting of the endangered pondberry. Connor, K.F. ed. Outplanting of the endangered pondberry. SRS-71. Asheville, NC: Southern Research Station: 574-577.
- Devall, M.S.; Schiff, N.M.; Skojac, S.A. 2004. Reproductive biology of pondberry (*Lindera mellissifolia* [Walt.] Blume) [Abstract]. In: Botany 2004, alpine diversity: adapted to the peaks. St. Louis, MO: Botanical Society of America: 58
- Dimov, L.D.; Lockhart, B.R.; Chambers, J.L. 2004. Individual oak tree growth in southern bottomland hardwood stands (preliminary results). Connor, K.F. ed. SRS-71. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 292 - 295.
- Doherty, J.L.; Wharton, K.L.; Roberts, K.; [and others] 2004. The future frogloggers: pda's as automated recording devices [Poster]. Joint meeting of ichthyologists and herpetologists. Norman, OK: University of Oklahoma: 66.

Dolloff, C.A.; Warren, M.L., Jr. 2003. Fish relationships with large wood in small streams. In: Gregory, S.V.; Boyer, K.L.; Gurnell, A.M. eds. The ecology and management of wood in world rivers. 37. Bethesda, MD: American Fisheries Society. 179-193.

Gardiner, E.S.; Hodges, J.D.; Fristoe, T.C. 2004. Flood plain topography affects establishment success of direct-seeded bottomland oaks. Connor, K.F. ed. SRS-71. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 581-585.

Haag, W.R. 2004. Alabama heelsplitter, *Potamilus inflatus*. In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 102.

Haag, W.R. 2004. Southern clubshell, *Pleurobema decisum* (Lea). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 100-101.

Haag, W.R. 2004. Alabama moccasinshell, *Medionidus acutissimus*. In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 98.

Haag, W.R. 2004. Alabama hickorynut, *Obovaria unicolor* (Lea). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 99.

Haag, W.R. 2004. Alabama spike, *Elliptio arca* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 44.

Haag, W.R. 2004. Black clubshell, *Pleurobema curtum*. In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 29.

Haag, W.R. 2004. Coosa moccasinshell, *Medionidus parvulus* (Lea). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 25.

Haag, W.R. 2004. Dark pigtoe, *Pleurobema furvum* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 72.

Haag, W.R. 2004. Finerayed pocketbook, *Lampsilis altilis* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 93-94.

Haag, W.R. 2004. Flat pigtoe, *Pleurobema marshalli* Frierson. In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 30.

Haag, W.R. 2004. Heavy pigtoe, *Pleurobema taitianum* (Lea). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 80.

Haag, W.R. 2004. Orangenacre mucket, *Lampsilis perovalis* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 94-95.

Haag, W.R. 2004. Ovate clubshell, *Pleurobema perovatum* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, Volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 75.

Haag, W.R. 2004. Rayed creekshell, *Anodontoides radiatus* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 91.

- Haag, W.R. 2004. Southern acornshell, *Epioblasma othcaloogensis* (Lea). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 22.
- Haag, W.R. 2004. Southern combshell, *Epioblasma penita* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 51.
- Haag, W.R. 2004. Southern pigtoe, *Pleurobema georgianum* (Lea). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 73.
- Haag, W.R. 2004. Triangular pigtoe, *Ptychobranchus greenii* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 82.
- Haag, W.R. 2004. Upland combshell, *Epioblasma metastriata* (Conrad). In: Mirachi, R.E.; Garner, J.T.; Mettee, M.F.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 20.
- Haag, W.R.; Staton, J.L. 2003. Variation in fecundity and other reproductive traits in freshwater mussels. *Freshwater Biology*. 48(12): 2118-2130.
- Haag, W.R.; Warren, M.L., Jr. 2003. Collections and research for U.S. Fish and Wildlife Service endangered/threatened species subpermittee authorization number SA-98-06 amendment 3. Annual report; U.S. Fish and Wildlife Service. Oxford, Mississippi: U.S. Department of Agriculture, Forest Service, Southern Research Station. 2 plus attachments p.
- Haag, W.R.; Warren, M.L., Jr. 2003. Changes in freshwater mussel populations in Bankhead National Forest from 1993-2003. Final report; Alabama National Forests. Oxford, Mississippi: U.S. Department of Agriculture, Forest Service, Southern Research Station. 24 p.
- Haag, W.R.; Warren, M.L., Jr. 2004. Population dynamics and demography of freshwater mussels: application of population models and population viability analysis. Final report; National Fish and Wildlife Foundation. Oxford, Mississippi: U.S. Department of Agriculture, Forest Service, Southern Research Station. 43 p.
- Haag, W.R.; Warren, M.L., Jr. 2004. Species richness and total population size of freshwater mussels in Horse Lick Creek, Kentucky in 2003. Final report; United States Fish and Wildlife Service. Oxford, Mississippi: U.S. Department of Agriculture, Forest Service, Southern Research Station. 43 p.
- Hamel, P.B.; Dawson, D.K.; Keyser, P.D. 2004. How we can learn more about the cerulean warbler (*Dendroica cerulea*). *Auk*. 121(1): 7-14.
- Hill, B.H.; McCormick, F.H. 2004. Nutrient uptake and community metabolism in streams draining harvested and old-growth watersheds: a preliminary assessment. Guldin, J.M. tech. comp. SRS-74. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 214-220.
- Leininger, T.D.; Schiff, N.M.; Henne-Kerr, J. 2004. Impacts of insect defoliation in cottonwood plantations in Mississippi. Connor, K.F. ed. SRS-71. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 138-141.
- Lockhart, B.R. 2004. All species have value. *Journal of Forestry*. 102(1): 60.
- Lockhart, B.R. 2004. Thinning and fertilization in an east Texas bottomland red oak stand: third-year diameter growth, epicormic branching, and regeneration [Abstract]. In: Temple inland forest products corporation spring research summit. Diboll, TX: Temple Inland Forest Products Corporation:
- Lockhart, B.R. 2004. An overview of bottomland hardwood regeneration [Abstract]. In: Swaim, A.; Stuhlinger, C. eds. Forestry and wildlife field day. Monticello, AR: University of Arkansas Agricultural Experiment Station: 20 - 21
- Lockhart, B.R.; Hodges, J.D.; Gardiner, E.S.; Ezell, A.W. 2003. Photosynthate distribution patterns in cherrybark oak seedling sprouts. *Tree Physiology*. 23: 1137-1146.

Lockhart, B.R.; Michalek, A.J.; Lowe, M.W.; Williams, R.A. 2004. Regeneration development 3 years after thinning and fertilization in an east Texas bottomland hardwood stand (to manage or to regenerate: can we do both?). Connor, K.F. ed. SRS-71. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 502 - 508.

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Lonzarich, D.G.; Lonzarich, M.E.; Warren, M.L., Jr. 2004. Using snorkeling to quantify fish assemblage structure in Arkansas streams. Guldin, J.M. tech. comp. SRS-74. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 253-256.

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Matthews, W.J.; Miller-Lemke, A.M.; Warren, M.L., Jr.; [and others] 2004. Context-specific trophic and functional ecology of fishes of small stream ecosystems in the Ouachita National Forest. Guldin, J.M. tech. comp. SRS-74. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 221-230.

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Meier, C.E.; Stanturf, J.A. 2003. Litterfall and soil carbon in a mature bottomland hardwood forest [Poster]. 2003 American Society of Agronomy - Crop Science Society of America - Soil Science Society of America National Meeting. Litterfall and soil carbon in a mature bottomland hardwood forest. Madison, Wisconsin: American Society of Agronomy: S07-meier536943-poster (on CD).

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Smith, C.G.I.; Hamel, P.B.; Devall, M.S.; Schiff, N.M. 2004. Hermit thrush is the first observed dispersal agent for pondberry (*Lindera melissifolia*). *Castanea*. 69(1): 1-8.

Stelzer, E.L.; Chambers, J.L.; Meadows, J.S.; Ribbeck, K.F. 2004. Leaf biomass and acorn production in a thinned 30-year-old cherrybark oak plantation. Connor, K.F. ed. SRS-71. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station: 276-279.

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Warren, M.L., Jr. 2004. Trispot darter, *Etheostoma trisella* Bailey and Richards. In: Mirachi, R.E.; Garner, J.T.; Mette, M.F.S.; O'Neil, P.E. eds. Alabama wildlife, volume 2, imperiled aquatic mollusks and fishes. Tuscaloosa, Alabama: University of Alabama Press. 173.

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